

File Copy  
09/466778  
STW

=> d his

(FILE 'HOME' ENTERED AT 13:15:51 ON 15 APR 2001)

FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, SCISEARCH' ENTERED AT 13:16:36 ON  
15 APR 2001

L1	3 S FELL PROTEIN
L2	388 S HYALURONATE (P) (BINDING (W) PROTEIN)
L3	584 S L2 OR HABP
L4	0 S L3 (P) FELL
L5	0 S L3 AND L1
L6	30 S L3 (P) CD44
L7	0 S L3 (P) ((CD44 (S) PRECURSOR))
L8	0 S L3 (P) ((CD44 (W) LIKE))

=> log off y

09/466778

File Copy  
EAST  
Search Strategy

Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS L1	0	FELL adj protein	USPA T; US-P GPUB ; EPO; JPO; DERW ENT	2001/04/15 12:31			0
2	BRS L7	23	CD44 same precursor	USPA T; US-P GPUB ; EPO; JPO; DERW ENT	2001/04/15 12:38			0
3	BRS L19	2	L13 same CD44	USPA T; US-P GPUB ; EPO; JPO; DERW ENT	2001/04/15 12:41			0
4	BRS L13	16	hyaluronate with (binding adj protein)	USPA T; US-P GPUB ; EPO; JPO; DERW ENT	2001/04/15 12:50			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
5	BRS	L25	26	L13 or HABP	USPA T; US-P GPUB ; EPO; JPO; DERW ENT	2001/04/15 12:51			0

(85)

**National Center for Biotechnology Information**

National Library of Medicine

National Institutes of Health

PubMed

Entrez

BLAST

OMIM

Taxonomy

Structure

Search  for  

## SITE MAP

About NCBI  
general and  
contact  
information

GenBank  
sequence  
submission  
support and  
software

Molecular  
databases  
sequences,  
structures and  
taxonomy

Literature  
databases  
PubMed and  
OMIM

Genomic  
biology  
the human  
genome, whole  
genomes and  
related  
resources

Tools  
for data mining

Research at  
NCBI  
people, projects  
and seminars

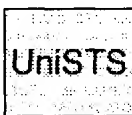
Education

## What does NCBI do?

Established in 1988 as a national resource for molecular biology information, NCBI creates public databases, conducts research in computational biology, develops software tools for analyzing genome data, and disseminates biomedical information - all for the better understanding of molecular processes affecting human health and disease.

**Draft Human Genome**

Explore human genome resources or browse the human genome sequence using the Map Viewer.

**Integrated STS reports**

UniSTS presents marker information collected from public resources including GenBank, RHdb, GDB, and various maps. Zero in on primer and mapping data, e-PCR results, and Map Viewer and LocusLink cross-references. More...

## NCBI in the News

The draft sequences of the human genome were compared in an article by Aach et al. (*Nature*, Feb.

## Hot Spots

➤ Cancer  
genome  
anatomy project

➤ Clusters of  
orthologous  
groups

➤ Coffee Break

➤ Electronic  
PCR

➤ Gene  
expression  
omnibus

➤ Genes and  
disease

➤ Human  
genome  
resources

➤ Human/mouse  
homology maps

➤ LocusLink

➤ Malaria  
genetics &  
genomics

➤ ORF finder

➤ Reference  
sequence  
project

➤

teaching  
resources and  
on-line tutorials

FTP site  
download data  
and software

15), noting overall similarities but differences in details. Use of RefSeq, NCBI's manually curated database of mRNA sequences, is credited with providing additional gene annotation for the public sequence.

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Revised April 4, 2001

Retrovirus  
resources

➤ Serial analysis  
of gene  
expression

➤ Trace archive

➤ UniGene

➤ VecScreen

GeneCards is  
copyright. Usage by  
and for commercial  
entities requires a  
license agreement.



## GeneCards: human genes, maps, proteins and diseases

GeneCards is a database of human genes, their products and their involvement in diseases. It offers **concise information** about the **functions** of all **human genes** that have an approved symbol, as well as selected others [[gene listing](#)].

### Credits

### Mirror sites

### Jobs

### About GeneCards

[Disease genes](#)

[How to Mirror](#)

[Guiding the user](#)

[Data Sources](#)

[Data Extraction](#)

[Usage statistics](#)

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[Publications](#)

### What's New

Version: 2.19  
Release: Jan 31, 2001  
Entries: 18,583  
Approved\*: 11,980

### About Bioinformatics

[Data Mining in](#)

[Biology](#)

[Web Usability](#)

[Science on the Web](#)

### Your Feedback

GeneCards now also supports searching UDB (The Unified Database for Human Genome Mapping). [Read more about UDB](#).

### Search

[ [Quick Start](#) ] [ [Guided Tour](#) ] [ [More search examples](#) ]

- Search/Display GeneCards by

For example, you can display the GeneCard for the (case-sensitive) symbol BRCA1.

or search GeneCards for the keyword(s):

- o p53
- o apolipoprot\*AND (hyper\* OR Alzheimer\*)
- o U85267 GenBank accession No.
- o Hs.1288 UniGene cluster
- o ATCC:106253, image:303124 clone identifier
- o chromosome: 22, locus: 20p\*, locus: 7p13

- Search UDB integrated map

specify chromosome:

For example, a map region in chromosome 19.

- Search UDB by gene/marker name

For example, Information about the mapped marker D17S1843.

- View estimated boundaries (in Megabases) of cytogenetic bands

specify chromosome:

### What's special about GeneCards?

The information presented here has been **automatically extracted** from various resources by scripts developed in our group. GeneCards is

particularly useful for people who wish to find information about genes of interest in the context of functional genomics and proteomics.

This resource also features a new type of **navigation support** system that **guides** its users to the information. Important parts of this guidance system are the **spell corrector**, and the automatically generated tips for query reformulation.

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Developed at the Crown Human Genome Center & Bioinformatics Unit, at the Weizmann Institute of Science

**Credits:**

Michael Rebhan, Avital Adato, Vered Chalifa-Caspi, Inga Peter, Jaime Prilusky,  
Michal Ronen, Hershel Safer, Marilyn Safran, Shai Shen-Orr, Liora Yaar,  
Doron Lancet

**Comments to:** [cards@bioinfo.weizmann.ac.il](mailto:cards@bioinfo.weizmann.ac.il)

*\* Entries with HUGO-approved symbols.*

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